

## CLAIMS

What is claimed is:

1. A modular interface test adapter comprising:

a base comprising a means for accommodating at least one electrical connector, at least one pivot tab projecting therefrom, a fin-shaped guide for guiding the base into a receiver, a locking latch mechanism; and a tongue and groove structure;

a cover having a tongue and groove structure for mating with said tongue and groove structure of said base; wherein said cover is removable from said base; and

a bushing comprising a housing having an opening therein for receiving electrical cables, means for securing said housing to said base or said cover; and a clamp for securing electrical cables in said opening in said housing; wherein said bushing is separable from said cover and said base.

2. A modular test adapter according to claim 1, where said cable clamp is adjustable within slots in the sides of said bushing.

3. A modular test adapter according to claim 1, further comprising a means for adjusting said cable clamp in said bushing.

4. A modular test adapter according to claim 1 wherein said clamp for securing electrical cables has an elongated shape with a first straight side and an opposing curved side.

5. A base for a modular interface test adapter comprising:

means for accommodating at least one electrical connector;

at least one pivot tab projecting therefrom;

a fin-shaped guide for guiding the base into a receiver;

a locking latch mechanism; and

a tongue and groove structure for securing a cover to said base.

6. A bushing for a modular interface test adapter comprising:

a housing having an opening therein for receiving electrical cables;

means for securing said housing to a modular test adapter base or cover; and

a clamp for securing electrical cables in said opening in said housing; wherein said bushing is separable from said cover and said base.

7. A bushing for a modular interface test adapter according to claim 6, wherein said opening in said housing is oblong.

8. A bushing for a modular test adapter according to claim 6, wherein said opening in said housing is circular.

9. A cover for a modular test adapter comprising a front, a back, opposing first and second sides, a top, and a neck; said first and second opposing sides each having a tongue and groove structure on the bottom thereof for mating with a tongue and groove structure of a modular test adapter base; and said neck having an upper portion for receiving a bushing.

10. A modular interface test adapter comprising:

a base comprising a means for accommodating at least one electrical connector, at least one pivot tab projecting therefrom, a fin-shaped guide for guiding the base into a receiver, a locking latch mechanism; and a tongue and groove structure;

a cover having a tongue and groove structure for mating with said tongue and groove structure of said base; wherein said cover is removable from said base; and

a card support.

11. A modular interface test adapter according to claim 10, wherein said card support is secured to said base with screws.